

# Keep Bogie

# Bottom Clean

**W**ith 10 bogies (axles) to maintain, mechanics, what you don't need is damage caused by dirt that chews up brake lines and suspension cylinder seals on your M1000 HET trailer.

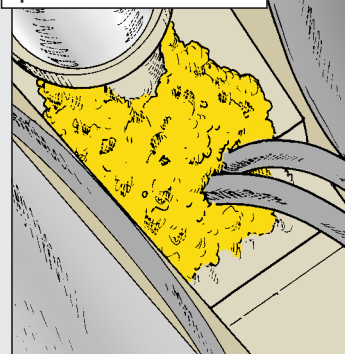
But that is what will happen if your operators don't keep the bogie bottoms clean and you don't keep the suspension cylinder's wiper seal in place.

Each of those 10 bogies collects lots of dirt or mud during operation, mainly because the bottom of the bogie is like a pan. What goes into the "pan" stays there—and turns into a concrete-like substance that wears out the air brake lines.

Operators must make sure the bogie bottoms are free of dirt and mud after

every operation. Pressurized water will remove most of the gunk, but a little elbow grease may be needed to get it all out from around the air lines.

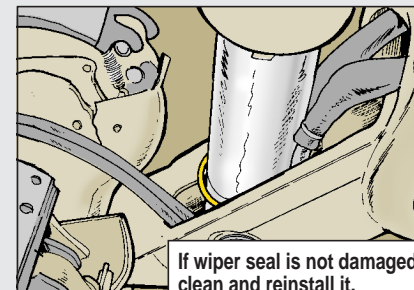
Clean dirt or mud from bogie "pan" after each mission.



As for the wiper seal on the suspension cylinder, it's there to keep the cylinder surface clean and to prevent dirt from scouring the oil seal at the top of the cylinder.

Problem is, field conditions can loosen the seal, so it does no good at all.

So, eyeball the cylinders on each bogie. If the wiper seal is not securely in place at the bottom of the cylinder, look at it closely. If it's not damaged, clean it with P-D-680 dry cleaning solvent, NSN 6850-00-281-1985.



If wiper seal is not damaged, clean and reinstall it.

Then coat the outer metal shell with Loctite or something similar. Then tap the ring back into place in the groove of the packing nut.

Don't let the adhesive dry on the cylinder piston. It'll just attract dirt.

## M1070 HET Winch Bracket

**T**he mounting brackets of the M1070 transporter's dressed winch assembly, shown in Fig 216 of TM 9-2320-360-24P, now have NSNs. Get Item 22 with NSN 5340-01-471-0709 and Item 36 with NSN 5340-01-471-0712.

## PLS Air Horn

**T**hink your PLS's electric horn isn't loud enough? With your commander's OK, you can now order an air horn kit, NSN 6350-01-460-5600. Installation instructions come with the kit.



WHEN IT COMES TO MAINTAINING YOUR M1000 HET TRAILER BOGIES—THE FUNDAMENTAL THINGS APPLY.

TRAILER BOGIES AND PM. SOUNDS LIKE THE BEGINNING OF A BEAUTIFUL RELATIONSHIP.